

20001016.qrp v01\_n976.qrl.20001016

Date: Mon, 16 Oct 2000 19:03:10 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1976

## QRP-L Digest 1976

Topics covered in this issue include:

- 1) [81354] Re: [81318] Re: The keyer works-- but my back is killin me  
by Doug Faunt N6TQS +1-510-655-8604 <faunt@panix.com>
- 2) [81355] ANT: Feed for NBS 10M Beam?  
by "Mark Adams" <k2qo@hotmail.com>
- 3) [81356] PA QSO Party QRPp  
by Larry S Cahoon <wd3p@juno.com>
- 4) [81357] Re: ANT: Feed for NBS 10M Beam?  
by "George, W5YR" <w5yr@att.net>
- 5) [81358] FOX: The Roster is Up!  
by "Marshall Emm" <mgemm@mttechnologies.com>
- 6) [81359] Looking for parts for SA  
by "Russ Hines" <radioruss@fuse.net>
- 7) [81360] FS: Unbuilt SST-20 kit  
by Dave Redfearn <n4elm@home.com>
- 8) [81361] Re: Looking for parts for SA  
by n2go@arrl.net
- 9) [81362] Re: Amplifier kit?  
by Steve Bauder <sbauder@win.bright.net>
- 10) [81363] RE: Circle Conundrum  
by "Brian B. Riley, N1BQ" <n1bq@wulfdn.org>
- 11) [81364] RE: Unbuilt SST-20 kit SOLD!  
by Dave Redfearn <n4elm@home.com>
- 12) [81365] FS: PCMCIA sound card for PSK-31  
by Dave Redfearn <n4elm@home.com>
- 13) [81366] Re: FOX: Winter Hunt Schedule and Rules  
by "Steve Sorrell" <ap036@detroit.freenet.org>
- 14) [81367] Re: NorCal Zombie Shuffle?  
by "Steve Sorrell" <ap036@detroit.freenet.org>
- 15) [81368] Re: TT2s - more  
by "Trevor Jacobs" <fxtech@earthlink.net>
- 16) [81369] Red Hot 40  
by "Ronald Smith" <ronald@atdial.net>
- 17) [81370] Kitchin's regen Receiver  
by "TC Dufresne" <tdufres@radiks.net>
- 18) [81371] Re MC1350  
by "Graham Firth" <graham.firth@btinternet.com>
- 19) [81372] Re: [GQRP] Re MC1350

- by "Ken UK" <setiuk@talk21.com>
- 20) [81373] Re: Re MC1350  
by "Ken UK" <setiuk@talk21.com>
- 21) [81374] Sloper antennas  
by "Techno" <res043pa@gte.net>
- 22) [81375] Re: Sloper antennas  
by "Thom Durfee" <wi8w@arrl.net>
- 23) [81376] NETXQRP Club Meeting  
by "Chuck Carpenter" <w5usj@globeco.net>
- 24) [81377] Drake CS-7 Remote Switch?  
by "Steve/n0tu" <n0tu@webaccess.net>
- 25) [81378] Re: Sloper antennas  
by Curt Milton <wb8yyy@yahoo.com>
- 26) [81379] Re: Amplifier kit?  
by "Mark Fancher" <mmfanche@gateway.net>
- 27) [81380] Re: FOX: Winter Hunt Schedule and Rules  
by Bruce Rattray <rattray@gpfn.sk.ca>
- 28) [81381] Re: FOX: Winter Hunt Schedule and Rules  
by "Steve Sorrell" <ap036@detroit.freenet.org>
- 29) [81382] Re: FOX: Winter Hunt Schedule and Rules  
by "Mark Hogan" <mhogan@email.msn.com>
- 30) [81383] Re: FOX: Winter Hunt Schedule and Rules  
by "Steve Sorrell" <ap036@detroit.freenet.org>
- 31) [81384] Re: FOX: Winter Hunt Schedule and Rules  
by w2agn@pobox.com (John Sielke)
- 32) [81385] Re: FOX: Winter Hunt Schedule and Rules  
by Bruce Rattray <rattray@gpfn.sk.ca>
- 33) [81386] Re: FOX: Winter Hunt Schedule and Rules  
by Shepherd@aol.com
- 34) [81387] Re: Drake CS-7 Remote Switch?  
by Thom LaCosta <baltimoremd@baltimoremd.com>
- 35) [81388] FOX: Winter hunt schedule and rules  
by "Walter D Amos" <waltk8cv@surfree.com>
- 36) [81389] RE: The keyer works--but my back is killing me.  
by MertNellis@aol.com
- 37) [81390] Kitchin's Regen Web page  
by "TC Dufresne" <tdufres@radiks.net>
- 38) [81391] NoGaWatt SWR/Watt meter kits available again  
by "Mike Branca" <w3irz@att.net>
- 39) [81392] Re: FOX: Winter hunt schedule and rules  
by W1R0@aol.com
- 40) [81393] Re: FOX: Winter Hunt Schedule and Rules  
by "George, W5YR" <w5yr@att.net>
- 41) [81394] Re: FOX: Winter Hunt Schedule and Rules  
by w2agn@pobox.com (John Sielke)
- 42) [81395] Re: FOX: Winter Hunt Schedule and Rules  
by Shepherd@aol.com
- 43) [81396] Re: FOX: Winter Hunt Schedule and Rules

by "Steve Sorrell" <ap036@detroit.freenet.org>  
44) [81397] Re: FOX: Winter Hunt Schedule and Rules  
by "Steve Sorrell" <ap036@detroit.freenet.org>  
45) [81398] Zombie Shuffle  
by Sam\_Stimson@Dell.com  
46) [81399] Re: Fox: Winter Hunt Schedule and Rules  
by "Thom Durfee" <wi8w@arrl.net>  
47) [81400] Re: Fox: Winter Hunt Schedule and Rules  
by Bob Nielsen <nielsen@oz.net>  
48) [81401] QRPacificon in 5 Days!!!!!!  
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)  
49) [81402] Re: FOX: Winter Hunt Schedule and Rules  
by Shepherd@aol.com  
50) [81403] Bead Balun for Coax - Help  
by David Castor <dpccastor@home.com>  
51) [81404] Re: QRPacificon in 5 Days!!!!!!  
by n2cx@voicenet.com  
52) [81405] RE: The keyer works--but my back is killing me.  
by "Charles Mabbott" <crmabbott@mediaone.net>  
53) [81406] Re: NoGaWatt SWR/Watt meter kits available again  
by "Mike Branca" <w3irz@att.net>  
54) [81407] Major update to links page  
by neil <neil@aade.com>  
55) [81408] FOX - Recent Postings  
by "Manager QRP-L" <manager@astro.cc.lehigh.edu>  
56) [81409] Re: Bead Balun for Coax - Help  
by "Chuck Carpenter" <w5usj@globeco.net>  
57) [81410] PSK-80 "Warbler" kit is here!  
by "George Heron N2APB" <n2apb@erols.com>  
58) [81411] Antenna comparisons  
by Allan G Taylor <k7gt@qsl.net>  
59) [81412] Re: PSK-80 "Warbler" kit is here!  
by Bill Jones <kd7s@psnw.com>  
60) [81413] Warbler: KI6DS wants 2!!  
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)  
61) [81414] FOX: Winter Hunt Schedule and Rules  
by "Walter D Amos" <waltk8cv@surf.free.com>  
62) [81415] RE: Antenna Comparisons  
by "Zoerb, Ron" <Zoerb.Ron@broadband.att.com>  
63) [81416] Re: Antenna comparisons  
by Allan G Taylor <k7gt@qsl.net>  
64) [81417] Re: Antenna comparisons  
by DYARNES@aol.com  
65) [81418] Re: Bead Balun for Coax - Help  
by Bob Kellogg <ae4ic@nr.infi.net>  
66) [81419] Hamcalc Ham formulas  
by Bob Kellogg <ae4ic@nr.infi.net>  
67) [81420] Re: Warbler: KI6DS wants 2!!

by Chuck Adams <k7qo@primenet.com>

-----  
Date: Sun, 15 Oct 2000 19:38:06 -0400 (EDT)  
From: Doug Faunt N6TQS +1-510-655-8604 <faunt@panix.com>  
To: dporter@voicenet.com  
Cc: AD6JYQRP@cs.com, qrp-1@Lehigh.EDU  
Subject: [81354] Re: [81318] Re: The keyer works-- but my back is killin me  
Message-ID: <200010152338.TAA06125@panix6.panix.com>

I'm setting up a shop in my attic, after much work developing it, and I wanted something simple and light. I found a couple of discarded sliding doors, 34" x 72", on our latest bulk pickup day, and then I discovered that IKEA has adjustable height trestles for supporting such platforms. The ones I have adjust from 27" to 36" high, so I can adjust the table tops over a fairly large range. Of course, lowering the stool or chair can help accomodate such things, also.

73, doug

Date: Sun, 15 Oct 2000 08:11:53 -0400  
From: "David Porter" <dporter@voicenet.com>

Jewelers and watchmakers, who use eye loupe magnifiers with short working distances use benches that are nearly chin height when sitting down. Keeps their backs straight. Small Parts Inc. used to sell them.

<http://www.smallparts.com>

Go to the on line catalog under Miscellaneous. There is a "Small Parts Workbench" there. The height is 39".

I don't think it exactly what you want for most electronics work, but for surface mount, who knows?

David Porter  
dporter@voicenet.com  
AA3UR

-----  
> From: AD6JYQRP@cs.com  
> To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
> Subject: The keyer works-- but my back is killin me  
> Date: Sunday, October 15, 2000 1:30 AM  
>  
> I managed to get my NoGA PIG board equipped with a keyer today -- but my

> back is complaining about my workbench. What is the best height for a  
work  
> table? I seen some threads on this list where people mention standing at  
high  
> benches and others are sitting down. I think my next project (after I  
figure  
> out how to get the PIG into a box) is going to be a kinder work table for  
my  
> back. Any suggestions for work tables to build qrp stuff would be  
> appreciated.  
>  
> Dan  
> AD6JY

-----  
Date: Sun, 15 Oct 2000 19:38:49 EDT  
From: "Mark Adams" <k2qo@hotmail.com>  
To: qrp-1@Lehigh.EDU  
Subject: [81355] ANT: Feed for NBS 10M Beam?  
Message-ID: <F51IyPElasxC8ewBQUo000042d1@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

Hi Gang,

My 10M 3-el beam is finished. I used the dimensions from the 17th ed of the Antenna Book. In fact, it worked without any element lenght changes! F/B is excellent, and I have worked lots of EU's with the Sierra at 500mW and the antenna fed with a 1/2 wave of 300 ohm line to a 1:1 balun.

The BIG question is: just run the ladder line to the tuner in the shack, or go through the hassle of building a matching gizmo, be it gamma, beta, omega or tee?

The antenna book does not even address using ladder line, but it seems to me that a 2:1 mismatch on 90 feet of 300 ohm window line is AOK. Are there any arguments for going to the coax? The technical mechanical details of getting the coax into the shack matter not.

Thanks!

Mark S. Adams, P.E.  
ARS: K2QO The Buffalo QRP Connection

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Get Your Private, Free E-mail from MSN Hotmail at <http://www.hotmail.com>.

Share information about yourself, create your own public profile at  
<http://profiles.msn.com>.

-----  
Date: Mon, 16 Oct 2000 00:39:50 +0100  
From: Larry S Cahoon <wd3p@juno.com>  
To: epaqrp-1@Lehigh.EDU, qrp-1@Lehigh.EDU  
Subject: [81356] PA QSO Party QRPp  
Message-ID: <20001016.004620.-413785.0.wd3p@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

Well the contest this year is history. I ran it for fun. The real goal was to work the last four counties I need in the state QRPp. I got only three. I did pick up the last QRP from W3DYA/M this afternoon. The next goal was the work each county at a lower power level than I had already. With that goal the preferred power level was set at 100 mWatts. I did go up to 500 mWatts a few times. I went down to 10 mWatts for one QSO. The main rig was the Sierra on 40 meters. I used the K2 on 80 meters briefly Saturday night for a few QSOs. The antenna was a simple set of 80/40 meter dipoles fed from the same piece of coax. Currently the average power needed to get a county in PA stands at 264 mWatts. That will drop a bit when I get that last one QRPp.

I haven't figured up the score yet, but the take was 77 QSOs, minus 2 dups, and 48 counties. I'll have to get the rules to figure out the numbers. This is always a fun contest with lots of activity. One major disadvantage of being in MD is it makes it real hard to send CQ as you have to deal with everyone who thinks you are in PA. For those out of state I expect you end up with a better score by being further away and being able to use 20, 15, and 10 meters during the day, and 80 and 40 at night. At this QTH the upper bands just don't work - especially at the power levels I was running.

For those who ask why I used the Sierra rather than the K2, it has nothing to do with anything lacking in the K2. I've had the Sierra on the desk for quite a while, the K2 was just set up as a regular rig a couple of weeks ago. With the Sierra audio fed through a SCAF filter I can zero beat with that rig a bit better. That is just a matter of the practice I've had with the Sierra as opposed to the K2. The other advantage I had was that the signal from the Sierra is fed through a Ten Tec step attenuator that give me good control of the power levels out. The Sierra itself is set at 500 mWatts and the attenuator cuts it back when I want it to. I may move the attenuator over to the K2 one day, but it doesn't want to see more than 5 watts in so I'm a bit reluctant to do

that. And lastly, I was using the K2 to work counties being run on the county hunter net and spin offs on 15 and 10 meters at the same time I was playing the PA QSO party.

73 de Larry.....WD3P in MD  
<http://www.qsl.net/wd3p>

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YOU'RE PAYING TOO MUCH FOR THE INTERNET!  
Juno now offers FREE Internet Access!  
Try it today - there's no risk! For your FREE software, visit:  
<http://dl.www.juno.com/get/tagj>.

-----  
Date: Sun, 15 Oct 2000 20:13:02 -0500  
From: "George, W5YR" <w5yr@att.net>  
To: k2qo@hotmail.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [81357] Re: ANT: Feed for NBS 10M Beam?  
Message-ID: <39EA561E.A0B2E23@att.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

The first yagi I had (1947) was a 4-element wide-spaced beam on 10 meters. It was fed with 300-ohm TV twinlead (all there was in those days!) to a delta match on the driven element. I drove it from the link on the output tank coil of the transmitter. No tuning - had no idea what the SWR was but I worked the world with low power.

So, I guess that my point is that twinlead can be used very well on 10. I wouldn't worry too much about what is happening on the line. If your tuner is the usual single-ended T-network variety, it probably has some sort of internal balun. Hook up to that, tune the system and get after the DX. If there is no balun, make up some sort of 1:1 balun, preferably of the current variety, to convert from balanced line to coax. I like to use the W2DU ferrite-bead style.

72/73, George    W5YR - the Yellow Rose of Texas            NETXQRP 6

Fairview, TX    30 mi NE Dallas in Collin county            QRP-L 1373  
Amateur Radio W5YR, in the 55th year and it just keeps getting better!  
Icom IC-756 PRO #02121 (9/00) Kachina #91900556 (12/99) IC-765 (6/90)

Mark Adams wrote:

>  
> Hi Gang,  
>  
> My 10M 3-el beam is finished. I used the dimensions from the 17th ed of the  
> Antenna Book. In fact, it worked without any element length changes! F/B is  
> excellent, and I have worked lots of EU's with the Sierra at 500mW and the  
> antenna fed with a 1/2 wave of 300 ohm line to a 1:1 balun.  
>  
> The BIG question is: just run the ladder line to the tuner in the shack, or  
> go through the hassle of building a matching gizmo, be it gamma, beta, omega  
> or tee?  
>  
> The antenna book does not even address using ladder line, but it seems to me  
> that a 2:1 mismatch on 90 feet of 300 ohm window line is AOK. Are there any  
> arguments for going to the coax? The technical mechanical details of getting  
> the coax into the shack matter not.  
>  
> Thanks!  
>  
> Mark S. Adams, P.E.  
> ARS: K2QO The Buffalo QRP Connection

-----  
Date: Sun, 15 Oct 2000 19:50:07 -0600  
From: "Marshall Emm" <mgemm@mtechnologies.com>  
To: qrp-l@lehigh.edu  
Subject: [81358] FOX: The Roster is Up!  
Message-ID: <39EA0A6F.14794.12BB51C@localhost>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT

The schedule for the QRP-L Winter Foxhunt has been updated with Fox assignments and it can be seen on the web site at <http://www.cqc.org/fox/sched.htm> .

The Foxes (and alternates) will be hearing from Mike shortly, who will ask for confirmation etc. Once we have confirmations, I will post the schedule here, too.

Thanks to all 21 foxes and 4 alternates for volunteering!

Marshall Emm, N1FN  
Milestone Technologies, Inc.



(303) 752-3382  
<http://www.mtechnologies.com>

-----  
Date: Sun, 15 Oct 2000 21:59:25 -0400  
From: "Russ Hines" <radioruss@fuse.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [81359] Looking for parts for SA  
Message-ID: <000501c03714\$b7ccda0\$352044d8@rbhines>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Anyone have any leads on Analog Devices AD8307 or AD8310 log amps? I'll put in a request for samples to Analog, but looking for a source for larger quantities.

Thanks.

73,  
Russ  
WB8ZCC

-----  
Date: Sun, 15 Oct 2000 20:55:24 -0500  
From: Dave Redfearn <n4elm@home.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [81360] FS: Unbuilt SST-20 kit  
Message-ID: <39EA600C.292D3283@home.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

For Sale:

Wilderness Radio SST-20 kit

Unbuilt kit with all the parts, case, and manual.

\$75.00 + shipping from 75070

73 - Dave

=====

Dave Redfearn, ARS N4ELM, McKinney, TX  
Email: n4elm@NOJUNKhome.com (to reply, remove NOJUNK)  
QRL? de N4ELM/qrp

-----

Date: Sun, 15 Oct 2000 22:17:59 -0400 (EDT)  
From: n2go@arrl.net  
To: Russ Hines <radioruss@fuse.net>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [81361] Re: Looking for parts for SA  
Message-ID: <Pine.LNX.4.20.0010152217220.6109-100000@valhalla.v>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Newark electronics shows 237 pieces at \$18.10 each.

73,

Jim n2go

-----

Date: Sun, 15 Oct 2000 21:25:44 -0500  
From: Steve Bauder <sbauder@win.bright.net>  
To: qrp-l@Lehigh.EDU  
Subject: [81362] Re: Amplifier kit?  
Message-ID: <39EA6728.5312F307@win.bright.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

While I'm not a big fan of the Ramsey amp kits (I own a heavily modified 20 meter version), they do include on-board relay actuated T/R switching. At least the one I have does.

Steve Bauder, NX9Z

> I know Ramsey makes such a kit but I'd like to see something more along

> the lines of Norcal/SWL/Emtech/OHR quality. Besides, Ramsey amp kits are  
> only for transmitters - no T/R switching for use with a transceiver. I  
> wonder if there's a market for an amp kit? Would I be the only one buying  
> one? ;-)  
>

-----  
Date: Sun, 15 Oct 2000 22:32:28 -0400  
From: "Brian B. Riley, N1BQ" <n1bq@wulfden.org>  
To: <VE3ERP@ENCODE.COM>, "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [81363] RE: Circle Conundrum  
Message-ID: <LPBBJAGIPFHKPJENAKL00EFDCLAA.n1bq@wulfden.org>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

let A be one half the angle formed by the two radii defining the arc  
(in radians)

$$r = \text{arclength} / 2A \quad \text{leads us to} \quad A = \text{arclength} / 2r$$

$$\text{where } r \text{ can also be derived from} \quad \sin A = \text{chordlength} / 2r$$

$$r = \text{chordlength} / (2 \times \sin A)$$

by substitution

$$r = \text{chordlength} / (2 \times \sin[\text{arclength} / 2r])$$

solving for R may not be very trivial ... but it is the answer ...  
there is probably a simpler way, I am just too beat right now to see it!

73 de brian, n1bq

> -----Original Message-----  
> From: owner-qrp-1@Lehigh.EDU  
> [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of  
> George Murphy  
> Sent: Sunday, October 15, 2000 5:27 PM  
> To: Low Power Amateur Radio Discussion

> Subject: Circle Conundrum  
>  
>  
> Can any of you Math Muppets tell me how to find (other than  
> by iteration)  
> the radius of an arc when all you know is the length of the  
> arc and the  
> length of the chord that joins its ends?  
>  
> Murph, the Hamcalc Guy  
>  
>

-----  
Date: Sun, 15 Oct 2000 21:56:39 -0500  
From: Dave Redfearn <n4elm@home.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [81364] RE: Unbuilt SST-20 kit SOLD!  
Message-ID: <39EA6E67.D6584178@home.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

The Wilderness SST-20 kit is spoken for.  
Thanks for the response.

73 - Dave

=====  
Dave Redfearn, ARS N4ELM, McKinney, TX  
Email: n4elm@NOJUNKhome.com (to reply, remove NOJUNK)  
QRL? de N4ELM/qrp

-----  
Date: Sun, 15 Oct 2000 22:11:21 -0500  
From: Dave Redfearn <n4elm@home.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [81365] FS: PCMCIA sound card for PSK-31  
Message-ID: <39EA71D9.F7308CD@home.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

For Sale:

EigerMedia PCMCIA sound card

16-bit Multimedia Audio adaptor  
Sound Blaster compatible  
PCMCIA type II

used, very good condition, no problems  
with CD-ROM, manual, dongle, & box

Asking \$60.00, shipped in the lower 48.

Adds soundcard capability to any PC laptop with PCMCIA type II or higher slot.

Besides normal soundcard functions, I have used this card under Windows 95 to operate

QRP PSK-31 using one of the standard homebrew interfaces (NOT INCLUDED) with a Corsair II and a K2.

I just upgraded laptops to one with a built-in soundcard so I no longer need this card  
so I though I'd list it here first and try to get another QRP station on PSK-31 :-)

73 - Dave

=====

Dave Redfearn, ARS N4ELM, McKinney, TX

Email: n4elm@NOJUNKhome.com (to reply, remove NOJUNK)

QRL? de N4ELM/qrp

-----

Date: Mon, 16 Oct 2000 03:47:10 +0100

From: "Steve Sorrell" <ap036@detroit.freenet.org>

To: <mgemm@ntechnologies.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [81366] Re: FOX: Winter Hunt Schedule and Rules

Message-ID: <00a401c0371b\$648bc4a0\$9bfa070a@default>

MIME-Version: 1.0

Content-Type: text/plain;  
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Sorry guys, I know you mean well, but, this is starting to sound like something the government would run.

It used to be a simple fun thing, you should keep that in mind.

de Steve, W8SFF

-----  
Date: Mon, 16 Oct 2000 03:57:13 +0100  
From: "Steve Sorrell" <ap036@detroit.freenet.org>  
To: <fifiield@pacbell.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [81367] Re: NorCal Zombie Shuffle?  
Message-ID: <00f301c0371c\$ca2c80a0\$9bfa070a@default>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I'm with you Dave, this is definitely the funnest contest of the year.  
Surpasses all others.  
de Steve, W8SFF      ZOMBIE 557 Communications Specialist MJ12

-----  
Date: Sun, 15 Oct 2000 21:47:50 -0700  
From: "Trevor Jacobs" <fxtech@earthlink.net>  
To: <n1bq@wulfden.org>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [81368] Re: TT2s - more  
Message-ID: <002301c0372c\$3e91b8c0\$626afc9e@tjacobs>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi Brian,

Way to go on the TT2's!!! I used to go to the Rochester Ham Fest when my father was stationed in Syracuse, NY in the early 80's was a great ham fest back then. Is it still as good?

On the toroids, I get mine from Amidon Associates here in CA. Their web site is: <http://www.amidoncorp.com/> .They make very high quality toroids, and I've never had a problem with them. Hope this helps. Take care...

73  
Trev  
KG6CYN

----- Original Message -----

From: "Brian B. Riley, N1BQ" <n1bq@wulfden.org>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Sunday, October 15, 2000 10:51 AM  
Subject: TT2s - more

> Well ... I had a few more souls over to my house yesterday ... we got  
> three more TT2s on the air and built some wire antennas for them to take  
> home (the 500 foot spool of stranded #14 antenna wire I got at Rochester  
> NH hamfest is going fast!!!) ... as best as I can tell we now have  
> somewhere between 9-12 of the original 16 kits from last Tuesday up an  
> running. All with the chirp mod built in from the beginning rather than  
> added after, all sound nice and clean ... I must say there is some  
> 'variety' in the 7122 crystals. I ordered three more kits for stragglers  
> and already I am hearing noises from the Gens/Extras wanting to build  
> another using the 7040 crystal that comes with the NJQRP kits ... anyone  
> know a good source for the toroids??? I have most of the other parts  
> already to start kitting a few up for these guys to build 'ugly style'  
> we are planning a TT2 'activity night' sometime later this month early  
> next month on 7122. will let you know soon ...

>

> Oh yes ... after my interesting adventure with asking opinions on the  
> SG-2020 and the consequent assault by the K-2 Evangelist Commando Grupen  
> ... I went and bought an Alinco DX-77T which with the 'coupon' offer  
> currently running from HRO in Salem NH was only \$30 (\$699 vs \$669) more  
> than the SG-2020. Its not a whole lot bigger and has a lot of nice  
> features. It has 10/100 watts with an internal switch to take it down  
> to 5/50 watts. When I have been listening around 7040 I have been  
> hearing a cyclic tone that repeats every 20 second or so at first it  
> sounded like a string of 6 or 7 dots today it sounded more like a  
> continuous tone lasting 2-3 seconds or less and repeating every 20-30  
> secs ... anyone else hear this? Or do I have something locally generating  
> this?

>

> 73 de brian, n1bq

> --

> N1BQ-3 @ 44 31.73N 072 51.55W  
> WideN-N digi and weather station in Underhill Center, VT  
> <mailto:n1bq@wulfdn.org>  
> AMSAT LM-1418 NJQRP #274 QRP-L #2276

>

>

>

-----

Date: Sun, 15 Oct 2000 22:21:37 -0700  
From: "Ronald Smith" <[ronald@atdial.net](mailto:ronald@atdial.net)>  
To: [qrp-l@lehigh.edu](mailto:qrp-l@lehigh.edu)  
Subject: [81369] Red Hot 40  
Message-ID: <200010160521.BAA27875@cokutau.concentric.net>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII

Content-transfer-encoding: 7BIT

Gang;

Another Red Hot 40 lives and breathes. I finished it up this afternoon (Sunday) and later in the evening heard K7FD calling CQ on 7.040 and answered. He came back to me and the RH-40 is christened. Thanks John for being the first contact and for being patient with me.

I am now ready for Pacificon and of course I will bring the pretty new RED radio.

73,

Ron, KE6RS

-----  
Date: Mon, 16 Oct 2000 00:55:54 -0500  
From: "TC Dufresne" <tdufres@radiks.net>  
To: <qrp-1@Lehigh.EDU>  
Subject: [81370] Kitchin's regen Receiver  
Message-ID: <000901c03735\$c05eb340\$5af31dce@server>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Howdy: Just got the bug again... I was going to build the regen receiver a la QST/NJQRP, but then I saw Kitchin's web page. The radio he describes on his web page looks like the QST version times 10! It looks real neat.

- 1) Has anyone here built it? (the N1TEV page one)
- 2) Is it worth it to do his web page version, or just the version on QST/NJQRP?

It looks like a neato receiver for my 40 m QRP homebrew projects...

Ideas? Comments?

KC0GXX

-----  
Date: Mon, 16 Oct 2000 07:58:09 +0100  
From: "Graham Firth" <graham.firth@btinternet.com>  
To: <Graham@grahamfirth.co.uk>  
Cc: "GQRP list" <GQRP@egroups.com>, "qrp-1" <qrp-1@lehigh.edu>  
Subject: [81371] Re MC1350



Message-ID: <003801c0373f\$0ceb7a00\$ec59073e@graham>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi

The latest Sprat shows the club as having the MC1350 for sale. Sorry chaps, there are all gone. We thought that we had more - well, George thought I had more, & I thought he had.

Apologies if you were planning a big (or small) project using these.

Also, in the same magazine there is an advert that refers to the Drew Diamond book being available from Frank, G3YCC. As most of you will know by now, Frank died a little while ago so the book is now only available from me.

Sorry for the confusion

Finally, I'm not bragging, but Tony & I are setting off to Pacificon in an hour or so. Looking forward to meeting lots of QRPers there!

72/3

Graham  
G3MFJ

-----  
Date: Mon, 16 Oct 2000 10:51:29 +0100  
From: "Ken UK" <setiuk@talk21.com>  
To: <Graham@grahamfirth.co.uk>, "Graham Firth" <Graham.Firth@BTInternet.com>  
Cc: "GQRP list" <GQRP@egroups.com>, "qrp-1" <qrp-1@Lehigh.EDU>  
Subject: [81372] Re: [GQRP] Re MC1350  
Message-ID: <006b01c03756\$c51867c0\$b73278d5@KenUK>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi all,

Anyone requiring the MC1350 can obtain them from, "Sycom" Tel No, 01372-372587. email, robin@zycomcomp.co.uk cheers all, Ken G4KIR.

-----Original Message-----

From: Graham Firth <Graham.Firth@BTInternet.com>

To: Graham@grahamfirth.co.uk <Graham@grahamfirth.co.uk>  
Cc: GQRP list <GQRP@egroups.com>; qrp-1 <qrp-1@Lehigh.EDU>  
Date: Monday, October 16, 2000 8:02 AM  
Subject: [GQRP] Re MC1350

>Hi  
>The latest Sprat shows the club as having the MC1350 for sale. Sorry chaps,  
>there are all gone. We thought that we had more - well, George thought I  
had  
>more, & I thought he had.  
>  
>Apologies if you were planning a big (or small) project using these.  
>  
>Also, in the same magazine there is an advert that refers to the Drew  
>Diamond book being available from Frank, G3YCC. As most of you will know by  
>now, Frank died a little while ago so the book is now only available from  
>me.  
>Sorry for the confusion  
>  
>Finally, I'm not bragging, but Tony & I are setting off to Pacificon in an  
>hour or so. Looking forward to meeting lots of QRPers there!  
>  
>72/3  
>  
>Graham  
>G3MFJ  
>  
>  
>  
>=== Via the mailing list of the GQRP Club <http://www.gqrp.com> ===  
>  
>

-----  
Date: Mon, 16 Oct 2000 10:48:28 +0100  
From: "Ken UK" <setiuk@talk21.com>  
To: <graham.firth@btinternet.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [81373] Re: Re MC1350  
Message-ID: <006a01c03756\$c0ef5780\$b73278d5@KenUK>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

HI all,

If anyone requires any MC1350's they are available at, "Sycom", PO Box 148  
Leatherhead Surrey. KT22 9YW  
UK, Tel No, ( UK ) 01372-372587. email, robin@sycomcomp.co.uk web site at,  
www.sycomcomp.co.uk

Needless to say I have no connection with this company other than finding  
Robin to be very, very helpful and obliging, cheers all, Ken, G4KIR.

-----Original Message-----

From: Graham Firth <graham.firth@btinternet.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Date: Monday, October 16, 2000 8:05 AM  
Subject: Re MC1350

>Hi

>The latest Sprat shows the club as having the MC1350 for sale. Sorry chaps,  
>there are all gone. We thought that we had more - well, George thought I  
had  
>more, & I thought he had.

>

>Apologies if you were planning a big (or small) project using these.

>

>Also, in the same magazine there is an advert that refers to the Drew  
>Diamond book being available from Frank, G3YCC. As most of you will know by  
>now, Frank died a little while ago so the book is now only available from  
>me.

>Sorry for the confusion

>

>Finally, I'm not bragging, but Tony & I are setting off to Pacificon in an  
>hour or so. Looking forward to meeting lots of QRPers there!

>

>72/3

>

>Graham

>G3MFJ

>

>

-----  
Date: Mon, 16 Oct 2000 06:45:50 -0400  
From: "Techno" <res043pa@gte.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [81374] Sloper antennas

Message-ID: <000701c0375e\$40d30a80\$4ff3183f@cdf>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Good Morning All,

I was wondering if anyone on the list is or has used a sloper antenna. I looked in my two trusty arrl handbooks and there is very little info on this type of antenna. The reason for asking is Spi-ro manufacturing makes a 80-10 trap sloper that will fit nicely in the area that I have to install a antenna other than a vertical. One question that concerns me is could I mount one end say at 30 feet and the feed end at 10 feet. They also claim that no ground radials are needed. any thoughts will be very helpful.

Thanks,

Charlie

-----  
W4CDF/AG QRP-L #1752  
Charles D. Feigley Sr. Soc #394  
1516 Toledo St FPqrp #157  
Holiday, Florida  
34690-5854  
EL88PE

-----  
Date: Mon, 16 Oct 2000 07:10:29 -0400  
From: "Thom Durfee" <wi8w@arrl.net>  
To: <res043pa@gte.net>  
Cc: <qrp-l@lehigh.edu>  
Subject: [81375] Re: Sloper antennas  
Message-ID: <002101c03761\$b23be900\$a60f1f40@bignet.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Charlie,

I have used slopers before. Slopers work best when mounted at a 45 degree angle. A 80-10 meter sloper, unless it is only about 20 feet long, would have to be mounted a lot higher than 30 feet to obtain the 45 degree angle. If you can only go 30 feet then go ahead and mount it that way but it

probably will not act like a true sloper antenna. It would probably act like a normal dipole.

If it uses no ground radials it probably is some kind of dipole arrangement or it uses some kind of counterpoise to eliminate the need for radials.

Anyway, when it comes to slopers, angle and height make all the difference. Hope this helps.

72,

Thom Durfee WI8W  
wi8w@arrl.net  
<http://www.braarc.net>  
QRPARCI #4015  
QRP-L #1761  
SOC #249  
ARS #760

----- Original Message -----

From: "Techno" <res043pa@gte.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Sent: Monday, October 16, 2000 6:45 AM  
Subject: Sloper antennas

> Good Morning All,  
> I was wondering if anyone on the list is or has  
> used a sloper antenna. I looked in my two trusty  
> arrl handbooks and there is very little info on this  
> type of antenna. The reason for asking is Spi-ro  
> manufacturing makes a 80-10 trap sloper that  
> will fit nicely in the area that I have to install a  
> antenna other than a vertical. One question that  
> concerns me is could I mount one end say at 30  
> feet and the feed end at 10 feet. They allso claim  
> that no ground radials are needed.  
> any thoughts will be very helpfull.  
> Thanks,  
> Charlie

> -----  
> W4CDF/AG QRP-L #1752  
> Charles D. Feigley Sr. Soc #394  
> 1516 Toledo St FPqrp #157  
> Holiday, Florida  
> 34690-5854  
> EL88PE  
>

-----  
Date: Mon, 16 Oct 2000 07:20:42 -0500  
From: "Chuck Carpenter" <w5usj@globeco.net>  
To: qrp-l@Lehigh.EDU  
Subject: [81376] NETXQRP Club Meeting  
Message-ID: <3.0.2.32.20001016072042.00855b80@mail.globeco.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

QRPLers,

The next meeting of the NETXQRP Club will be held this coming Saturday.

October 21, 2000  
1:00PM

John Y Miguel's Cafe (Tex/Mex & 'merican)  
104 State Highway 205  
Terrell, TX  
Phone: (972) 524-1447

Directions:

Miguel's is on the west side of Terrell. It is on 205 north, near the intersection of I-80, 205, and 148. 205 goes north from I-80 toward Rockwall and 148 goes south back across I-20. Go north on 205 about 1/4 mile and it's on the right. Big place, hard to miss. It's just past a Kuick Kar lube-and-tune place and across the road is a Walmart plaza.

If you have a favorite QRP something you'd like to bring along, please do. Weather permitting we plan to try some portable operation either behind the restaurant or at a local park in Terrell. Come join the fun!

For more NETXQRP Club info check our website: <http://www.netxqrp.org/>

Chuck Carpenter, Point, Rains Co., TX - EM22cv, RARA #3, NETXQRP #1  
ARCI #5422, QRP-L #1306, SOC #57, Six Club #201, SMIRK #6275

-----  
Date: Mon, 16 Oct 2000 06:40:53 -0600  
From: "Steve/n0tu" <n0tu@webaccess.net>  
To: "QRP-L" <QRP-L@lehigh.edu>  
Cc: <mgoins@usa.net>  
Subject: [81377] Drake CS-7 Remote Switch?

Message-ID: <01d601c0376e\$534f2580\$d208710f@sg2939h>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi Gang,

Before I subscribe and jump onto the Drakelist I thought I would just ask if anyone here has a manual or schematic for the Drake CS-7 Remote Antenna Switch? I'm trying to HB a control box for this switch and need some reference. Like what voltage the stepper motor takes? Seems 12V isn't enough to make it jump? So maybe I'd better try locating a schematic. TKS!

BTW Thanks to "list help" I was able to ID this remote switch as a Drake CS-7! Tks agn! You're the best list on the net!

Steve/n0tu

-----Original Message-----

From: M Goins <mgoins@usa.net>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Date: Saturday, October 14, 2000 9:24 AM  
Subject: Re: [Re: RC Coax switch info?]

Could also be one of the Drake units. Seems like they were black box too.

"Cla KA0GKC" <ka0gkc@arrl.net> wrote:  
Steve,

Heathkit used to sell a remote antenna switch and your description sounds about right. My guess is the "motor" is actually a rotary stepping relay. Anyway a search through the Heathkit sites on the web might turn up something.  
Anybody know if there is a Heathkit email list?

73 de Cla KA0GKC

----- Original Message -----

From: "Steve/n0tu" <n0tu@webaccess.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Saturday, October 14, 2000 8:09 AM  
Subject: RC Coax switch info? & DSW Rocks!

| Recently acquired a 8-wire remote coax switch but I missing the control  
box

| and manual (arugh)!  
|  
| No MFG name on it! Has a 5-position ceramic rotary switch with (I'm  
| guessing) a stepper motor drive in a black weather proof box. It doesn't  
| match the photos of I've seen of any of the recent Ameritrons RCS series.  
| Did other MFG's make these switches? My big question, would it be  
difficult  
| to HB a control box for this guy? Anyone have a RCS-8V manua

-----  
Date: Mon, 16 Oct 2000 05:47:36 -0700 (PDT)  
From: Curt Milton <wb8yyy@yahoo.com>  
To: res043pa@gte.net, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [81378] Re: Sloper antennas  
Message-ID: <20001016124736.26789.qmail@web2002.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Charlie, a conventional sloper is usually "one half of a dipole" with the other half being a grounded tower. this type of sloper has its feedline at the top end of the sloping wire. these are mainly popular for 80 meter operation.

multi-band, trap antennas are compromises .... i would try some different homebrew antennas before you spend your dollars. especially if you plan to operate QRP.

base your antenna choices on what you will use to support it. and figure out which bands are your main priority.

you can get a lot of antenna info at the ARRL's TIS page - under antennas! they have things organized by category - including slopers!

in case you have no antenna right now - get something up for 10 and 15 minutes. even dipoles don't take up much space. or if you have a nice vertical support, you CAN slope one or more center fed half wave dipoles. this would work better than a compromise antenna - and for DX should work pretty well. yes put the bottom out of reach for safety sake. as sunspots decline you can consider your options for lower frequencies. read and talk to other hams for ideas!



Curt WB8YYY

--- Techno <res043pa@gte.net> wrote:

> Good Morning All,

> I was wondering if anyone on the list is or has  
>

> used a sloper antenna. I looked in my two trusty  
> arrl handbooks and there is very little info on this  
> type of antenna. The reason for asking is Spi-ro  
> manufacturing makes a 80-10 trap sloper that  
> will fit nicely in the area that I have to install a  
> antenna other than a vertical. One question that  
> concerns me is could I mount one end say at 30  
> feet and the feed end at 10 feet. They also claim  
> that no ground radials are needed.  
> any thoughts will be very helpful.

> Thanks,

> Charlie

>

-----  
> W4CDF/AG QRP-L #1752  
> Charles D. Feigley Sr. Soc #394  
> 1516 Toledo St FPqrp #157  
> Holiday, Florida  
> 34690-5854  
> EL88PE  
>

-----  
Do You Yahoo!?

Yahoo! Messenger - Talk while you surf! It's FREE.

<http://im.yahoo.com/>

-----  
Date: Mon, 16 Oct 2000 09:02:51 -0400

From: "Mark Fancher" <mmfanche@gateway.net>

To: <ae5x@juno.com>

Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [81379] Re: Amplifier kit?

Message-ID: <001001c03771\$67084040\$06d1193f@GEARemote>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Try out Communication Concepts, (937) 426-8600. They make a Motorola EB63 amp with on board T/R switching. I built one in about a day. The hardest part was tapping and mounting the heatsink.

5 watts in should give you about 180 watts out.

Enjoy!

Mark, W09G

----- Original Message -----

From: "John AE5X" <ae5x@juno.com>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Saturday, October 14, 2000 4:34 PM

Subject: Amplifier kit?

> On Sat, 14 Oct 2000 11:21:15 -0700 "Roger A. McCarty"

> <rmccarty@earthlink.net> writes:

> > Not all of us are purely interested in operating Qrp, for the sake

> > of Qrp.

> > Many simply like operating with homebrew rigs, and the fact that it

> > is Qrp,

> > is secondary to the purpose.

>

> You're right Roger. Since the demise of Heathkit, all modern ham kits are

> QRP. We have monobanders, multibanders and even PSK31'ers. Antenna tuner

> kits, keyer kits, CW kits and SSB kits - a very nice choice of rigs with

> various features. If we want to operate with radios that we soldered

> together ourselves, we are going to be QRPers. I like operating QRP but

> I've always thought that a good idea for a kit would be a kit to

> complement all the other kits on the market - an amp that takes 2 watts

> in and delivers 30-50 watts to the antenna. Sometimes I don't want to be

> QRP but I do want to operate with something I built myself and don't want

> the hassle of locating the parts and etching the circuit board myself.

>

> I know Ramsey makes such a kit but I'd like to see something more along

> the lines of Norcal/SWL/Emtech/OHR quality. Besides, Ramsey amp kits are

> only for transmitters - no T/R switching for use with a transceiver. I

> wonder if there's a market for an amp kit? Would I be the only one buying

> one? ;-)

>

> John Harper AE5X

> HW-9, OHR-100A/20M, NC-40A, DSW20, SST30, SST40

> Outdoor QRP: <http://www.qs1.net/ae5x>

>

>

> -----  
> YOU'RE PAYING TOO MUCH FOR THE INTERNET!

> Juno now offers FREE Internet Access!

> Try it today - there's no risk! For your FREE software, visit:

> <http://dl.www.juno.com/get/tagj>.  
>

-----  
Date: Mon, 16 Oct 2000 07:17:45 -0600 (CST)  
From: Bruce Rattray <rattray@gpfn.sk.ca>  
To: Bob Nielsen <nielsen@oz.net>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [81380] Re: FOX: Winter Hunt Schedule and Rules  
Message-ID: <Pine.LNX.3.95.1001016071618.17804A-100000@neale.gpfn.sk.ca>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

My understanding of the change from QRP-L number to power is so the QRPP stations can be tracked....in other words there is a purpose to the hunt as well as having a lot of fun...

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272  
A-1 Operator Club - 10/10# 944 - SOC #11 & #12 - Whiner#10 -  
"QRP! How sweet it is!" oo#148 "I am da man wit "DAH" paddle!"

On Sun, 15 Oct 2000, Bob Nielsen wrote:

> I notice that the rules have changed slightly. There is no mention of  
> using QRP-L numbers; everyone gives their power in the exchange. Was  
> there a reason for this or was it an oversight?  
>  
> Bob N7XY  
>  
>

-----  
Date: Mon, 16 Oct 2000 13:17:21 +0100  
From: "Steve Sorrell" <ap036@detroit.freenet.org>  
To: <rattray@gpfn.sk.ca>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [81381] Re: FOX: Winter Hunt Schedule and Rules  
Message-ID: <001701c0376b\$0c82c920\$9bfa070a@default>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Why? Are QRPP stations supposed to be 'tracked' for some reason?  
de Steve, W8SFF

-----  
Date: Mon, 16 Oct 2000 13:36:55 -0000  
From: "Mark Hogan" <mhogan@email.msn.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [81382] Re: FOX: Winter Hunt Schedule and Rules  
Message-ID: <007901c03776\$2794ddb0\$9ee90181@cityweb.gov>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I believe it will help some of us with learning more about propagation during differing band conditions...kinda like Spartan Sprints.

Mark Hogan / N50BC

----- Original Message -----

From: Steve Sorrell <ap036@detroit.freenet.org>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Sent: Monday, October 16, 2000 12:17 PM  
Subject: Re: FOX: Winter Hunt Schedule and Rules

> Why? Are QRPp stations supposed to be 'tracked' for some reason?  
> de Steve, W8SFF  
>

-----  
Date: Mon, 16 Oct 2000 13:52:14 +0100  
From: "Steve Sorrell" <ap036@detroit.freenet.org>  
To: <mhogan@email.msn.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [81383] Re: FOX: Winter Hunt Schedule and Rules  
Message-ID: <004201c03770\$01a48d40\$9bfa070a@default>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I don't see where it will provide much propagation info. You will either hear the fox or you won't depending on band condix at the time and the location of the fox and how good of an antenna he has and how good of an antenna you have. I don't think propagation knowledge will be much of a factor. You might be able to get some idea of your antenna's radiation

pattern?

I didn't know the 'goals' of the fox hunt had changed? If in fact, they have. I just like to work the fox for the fun of hearing a fox pileup and breaking it! I don't care if he is using 5 watts or 5 milliwatts, who cares!

de Steve, W8SFF

-----  
Date: Mon, 16 Oct 2000 14:20:08 GMT  
From: w2agn@pobox.com (John Sielke)  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [81384] Re: FOX: Winter Hunt Schedule and Rules  
Message-ID: <39f00dc7.61757780@smtp.snip.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: quoted-printable

I thought the "goal" of the Foxhunt was to have fun. I guess I missed out when it changed...then again, not surprised.

John W2AGN

On Mon, 16 Oct 2000 13:52:14 +0100, "Steve Sorrell"  
<ap036@detroit.freenet.org> typed:

>I didn't know the 'goals' of the fox hunt had changed? If in fact, they  
>have. I just like to work the fox for the fun of hearing a fox pileup =  
>and  
>breaking it! I don't care if he is using 5 watts or 5 milliwatts, who  
>cares!  
>de Steve, W8SFF

-----  
Date: Mon, 16 Oct 2000 08:30:54 -0600 (CST)  
From: Bruce Rattray <rattray@gpfn.sk.ca>  
To: Steve Sorrell <ap036@detroit.freenet.org>  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [81385] Re: FOX: Winter Hunt Schedule and Rules  
Message-ID: <Pine.LNX.3.95.1001016082959.21839A-100000@neale.gpfn.sk.ca>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

I guess the committee running the hunt this time around thought it would

be nice to track the lower power stations.....maybe check with Chuck,  
K7Q0?...

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272  
A-1 Operator Club - 10/10# 944 - SOC #11 & #12 - Whiner#10 -  
"QRP! How sweet it is!" oo#148 "I am da man wit "DAH" paddle!"

On Mon, 16 Oct 2000, Steve Sorrell wrote:

> Why? Are QRPp stations supposed to be 'tracked' for some reason?  
> de Steve, W8SFF  
>

-----  
Date: Mon, 16 Oct 2000 10:37:10 EDT  
From: Shephed@aol.com  
To: <qrp-l@lehigh.edu>  
Subject: [81386] Re: FOX: Winter Hunt Schedule and Rules  
Message-ID: <44.809c406.271c6c96@aol.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

Why is it that every year right before the hunt we have to piss and moan.

Get over it people, and enjoy the hunt and QRP.

CLA, it's your turn to spank the kids. :-)

72, oo  
Dan, N8IE  
(waiting for the hunts)

-----  
Date: Mon, 16 Oct 2000 10:52:51 -0400 (EDT)  
From: Thom LaCosta <baltimoremd@baltimoremd.com>  
To: Steve/n0tu <n0tu@webaccess.net>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [81387] Re: Drake CS-7 Remote Switch?  
Message-ID: <Pine.BSI.4.05L.10010161051350.19970-1000000@vh1.min.net>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 16 Oct 2000, Steve/n0tu wrote:

```
> Hi Gang,  
>  
> Before I subscribe and jump onto the Drakelist I thought I would just ask if  
> anyone here has a manual or schematic for the Drake CS-7 Remote Antenna  
> Switch?
```

An additional resource for drake is the web-based message board located at <http://www.min.net/~thom/drakelist/>

[illegible]

<a href="http://www.baltimoremd.com/">http://www.baltimoremd.com/</a>	Baltimore's Home Page
<a href="http://www.baltimorehon.com">http://www.baltimorehon.com</a>	Home of the Baltimore Lexicon
<a href="http://www.min.net/~thom/">http://www.min.net/~thom/</a>	QRP and Drake Mail List Pages

-----

Date: Mon, 16 Oct 2000 15:31:43 +0100  
From: "Walter D Amos" <waltk8cv@surfree.com>  
To: "Posts Qrp-1" <qrp-1@lehigh.edu>  
Subject: [81388] FOX: Winter hunt schedule and rules  
Message-ID: <000701c0377d\$cfcd29ce0\$bf891b26@waltamos>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Folks:

how about the first 1/2 hour for 500 Mw and under

Second 1/2 hour for 1 watt and under

Third 1/2 hour for 5 watt grp stations and under

Last 1/2 hour for 100 watt ++ stations and up!

Maybe we should consider a List taker that would come on an hour before the fox and take a list?

" last two and only last two " would become the cry of the grper .....

Then you could get a special number from the list taker and the fox would call for numbers and numbers only and everyone with a basement antenna would

have an equal chance.

What say fox consortium?? Do we have a plan here??

Walt Amos K8CV Royal Oak, MI k8cv@arrl.net

-----  
Date: Mon, 16 Oct 2000 11:32:37 EDT  
From: MertNellis@aol.com  
To: qrp-1@lehigh.edu  
Subject: [81389] RE: The keyer works--but my back is killing me.  
Message-ID: <9a.af29412.271c7995@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

My back kills me a lot.

Standing at a workbench is not good for my back at any height.

I find that sitting down is most comfortable. I use a low enough chair so that my knees are bent to 90 degrees and feet are flat on the floor. Then use a small portable table that comes about elbow high so that I can easily position the table to rest my forearms. This way I can slouch a little and still be well above my work. A well lighted table top big enough for a few assembly tools, soldering iron and documents allows me to work comfortably for several hours if necessary. Of course, to use a drill press or other power tools I must stand up but the tedious board work is done most comfortably with this small rather low table.  
Try it.

72, Mert W0UFO MNQRP

-----  
Date: Mon, 16 Oct 2000 11:20:37 -0500  
From: "TC Dufresne" <tdufres@radiks.net>  
To: <qrp-1@Lehigh.EDU>  
Subject: [81390] Kitchin's Regen Web page  
Message-ID: <002b01c0378d\$05f606e0\$30f31dce@server>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Bill et al:

Charles Kitchin has a nice web page where his regen radio is featured



nicely.

Here's the link as it appears in Sept 2000 QST

<http://www.chelmsford.com/bars/regenproj.htm>

Check it out. He features a MUCH nicer rig then the QST shows.. Wonder if anyone on the reflector has tried it?!?!  
Tom

-----  
Date: Mon, 16 Oct 2000 11:21:33 -0500

From: "Mike Branca" <w3irz@att.net>

To: <qrp-l@Lehigh.EDU>

Subject: [81391] NoGaWatt SWR/Watt meter kits available again

Message-ID: <002401c0378d\$26eda9c0\$74394d0c@default>

MIME-Version: 1.0

Content-Type: text/plain;  
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

The North Georgia QRP club (NOGA) made a kit offering a few months ago of a QRP SWR/Watt meter that was very popular. The initial trial run of 50 kits went pretty quick and we decided to make another run of 65 kits. This is the same kit featured on the cover of QRP Homebrewer, Spring 2000. This is a version of the directional coupler made popular by Stockton in Sprat and DeMaw in ARRL pubs and CQ but modified to be able to be full scale at 3/8 watt if necessary. Keeping with the QRP tradition it is designed to be built into an Altoids tin with a second tin to be used to mount the meters. All parts are included except for the Altoids tins and RF connectors. This is a dual meter bridge that includes both meters and new scales for 2 and 6 watts so it can be set up for either power level or higher if desired.

If you would like one of the kits please send me an e-mail at w3irz@att.net so that I can assign your kit number. Then send me a check, with the number, and a return address label, for \$ 22.00 which includes shipping to the US and Canada. Mail to:

Mike Branca W3IRZ  
2880 Camary Place Drive  
Conyers, Georgia 30094

Just a note to mention that the NoGa PIG kit is still available and for details contact Pickett, AD4S at jpcummins@att.net

-----  
Date: Mon, 16 Oct 2000 12:40:47 EDT

From: W1R0@aol.com  
To: waltk8cv@surf.free.com, qrp-1@lehigh.edu  
Subject: [81392] Re: FOX: Winter hunt schedule and rules  
Message-ID: <57.c4f5ff6.271c898f@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="ISO-8859-1"  
Content-Transfer-Encoding: quoted-printable

Make list, loose Hounds. Make a list, and it defeats the challenge I'm=20  
looking for. We are all using QRP levels to start with. It is like chasing=20  
DX with 100 watts and the competition is using 1KW. Such is life. I'll use=20=

Watts or less but, please let's not get into list.

Jim

W1R0/7 =20

<A HREF=3D"https://www.juiceplus.com/+jbb00907">Welcome to Juice Plus +=AE</=

A>

=20

-----  
Date: Mon, 16 Oct 2000 11:43:50 -0500  
From: "George, W5YR" <w5yr@att.net>  
To: ap036@detroit.freenet.org  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [81393] Re: FOX: Winter Hunt Schedule and Rules  
Message-ID: <39EB3046.CD1C3122@att.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I regret seeing so much discussion and complaining about a simple and highly trivial change in the Fox rules that should discomfit no one. So we no longer send out numbers - so what? My keyer memory can send "5" just as easily as "1373" although it will take a bit longer. Think about it: your power is the only thing that the Fox doesn't already know about the contact once he gets your call. He has your name, SPC, and QRP-L number from the files, etc. So, now the Fox has to work a little harder to copy your power. Sounds good to me . . .

The Fox rules are obeying the natural progression of change and hopeful improvement as time goes on. The original rules were highly restrictive and aimed toward a generation of much less capable equipment. "No split operation, etc." Times have changed and continue to change as equipment and operator skills change. So, the rules change . . .

This propagation study business came about, as I recall, when the then-resident demi-God thought that the Fox Hunt should not only be fun

but would also give us some experience as to how conditions were affecting the Hunt. At no time do I recall any effort being mounted toward even a semi-scientific "study" of the results, which would be somewhat ridiculous on the face of it.

The bottom line is the same in any event: if we get the Fox, either conditions were good or our superb operating skills allowed the contact despite adverse conditions. If we do not get the Fox, "lousy band conditions, gripe, gripe . . ." So much for "propagation studies."

As I see it, the Fox Hunt is \*fun\* and should be - else don't do it. But it is also one of the best operating-skill development exercises to come along in a long, long time. If you can work the Fox when propagation is poor and local noise is high and a QRO station is 500 Hz up the band, then you have some skills, let nobody tell you otherwise, QRP or not.

As that man said, "Can't we just all get along?"

72/73, George    W5YR - the Yellow Rose of Texas            NETXQRP 6

Fairview, TX    30 mi NE Dallas in Collin county            QRP-L 1373  
Amateur Radio W5YR, in the 55th year and it just keeps getting better!  
Icom IC-756 PRO #02121 (9/00) Kachina #91900556 (12/99) IC-765 (6/90)

Steve Sorrell wrote:

>  
> I don't see where it will provide much propagation info. You will either  
> hear the fox or you won't depending on band condix at the time and the  
> location of the fox and how good of an antenna he has and how good of an  
> antenna you have. I don't think propagation knowledge will be much of a  
> factor. You might be able to get some idea of your antenna's radiation  
> pattern?  
> I didn't know the 'goals' of the fox hunt had changed? If in fact, they  
> have. I just like to work the fox for the fun of hearing a fox pileup and  
> breaking it! I don't care if he is using 5 watts or 5 milliwatts, who  
> cares!  
> de Steve, W8SFF

-----  
Date: Mon, 16 Oct 2000 16:58:45 GMT  
From: w2agn@pobox.com (John Sielke)  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [81394] Re: FOX: Winter Hunt Schedule and Rules  
Message-ID: <39f232b4.71213364@smtp.snip.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: quoted-printable

OK, you caught us. The CIA is tracking those who use QRPp. It is considered unAmerican not to run high power. The big Amplifier manufacturers, the ARRL, QCWA, etc are all in on the plot. QRPpers will be rounded up and "reeducated" by Wayne Green who has been a secret agent of the government for years. The Fox hunts are a way of getting those covert QRPpers to come out of the woodwork. It's really a "sting" operation.

On Mon, 16 Oct 2000 08:30:54 -0600 (CST), Bruce Ratray  
<rattray@gpfn.sk.ca> typed:

>> Why? Are QRPp stations supposed to be 'tracked' for some reason?  
>> de Steve, W8SFF

-----  
Date: Mon, 16 Oct 2000 13:10:53 EDT  
From: Shephed@aol.com  
To: <qrp-l@lehigh.edu>  
Subject: [81395] Re: FOX: Winter Hunt Schedule and Rules  
Message-ID: <a9.c5ae2a4.271c90a0@aol.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

I KNEW IT, I KNEW IT!  
This is the kind of stuff they talk about on the Internet.  
Well, I'll show guys, I'll wear my Art Bell "foil hat".  
Try to find me, ha ha ha

: -)

In a message dated Mon, 16 Oct 2000 1:00:30 PM Eastern Daylight Time,  
w2agn@pobox.com (John Sielke) writes:

<<

OK, you caught us. The CIA is tracking those who use QRPp. It is considered unAmerican not to run high power. The big Amplifier manufacturers, the ARRL, QCWA, etc are all in on the plot. QRPpers will be rounded up and "reeducated" by Wayne Green who has been a secret agent of the government for years. The Fox hunts are a way of getting those covert QRPpers to come out of the woodwork. It's really

a "sting" operation.

On Mon, 16 Oct 2000 08:30:54 -0600 (CST), Bruce Rattray  
<rattray@gpfn.sk.ca> typed:

>> Why? Are QRPP stations supposed to be 'tracked' for some reason?  
>> de Steve, W8SFF

>>

-----  
Date: Mon, 16 Oct 2000 17:50:00 +0100  
From: "Steve Sorrell" <ap036@detroit.freenet.org>  
To: <w2agn@pobox.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [81396] Re: FOX: Winter Hunt Schedule and Rules  
Message-ID: <001d01c03791\$212607e0\$9bfa070a@default>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I see you finally got it, John!!!  
Now, with the tracking devices and the "Fox Profile" these scumbags can be  
corralled and sent to live in the Pacific Northwest with all the other  
radicals! Banish them, I say!  
de Steve, W8SFF

----- Original Message -----  
From: "John Sielke" <w2agn@pobox.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Sent: Monday, October 16, 2000 17:58  
Subject: Re: FOX: Winter Hunt Schedule and Rules

>  
> OK, you caught us. The CIA is tracking those who use QRPP. It is  
> considered unAmerican not to run high power. The big Amplifier  
> manufacturers, the ARRL, QCWA, etc are all in on the plot. QRPPers  
> will be rounded up and "reeducated" by Wayne Green who has been a  
> secret agent of the government for years. The Fox hunts are a way of  
> getting those covert QRPPers to come out of the woodwork. It's really  
> a "sting" operation.  
>  
>

> On Mon, 16 Oct 2000 08:30:54 -0600 (CST), Bruce Rattray  
> <rattray@gpfn.sk.ca> typed:  
>  
> >> Why? Are QRPP stations supposed to be 'tracked' for some reason?  
> >> de Steve, W8SFF  
>  
>

-----  
Date: Mon, 16 Oct 2000 17:53:23 +0100  
From: "Steve Sorrell" <ap036@detroit.freenet.org>  
To: <Shephed@aol.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [81397] Re: FOX: Winter Hunt Schedule and Rules  
Message-ID: <002701c03791\$99438ae0\$9bfa070a@default>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Thats it thats the ticket, foil hats and basement antennas, that'll fool em  
all! Nobody will detect me.  
de Steve, W8SFF

----- Original Message -----  
From: <Shephed@aol.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Monday, October 16, 2000 18:10  
Subject: Re: FOX: Winter Hunt Schedule and Rules

> I KNEW IT, I KNEW IT!  
> This is the kind of stuff they talk about on the Internet.  
> Well, I'll show guys, I'll wear my Art Bell "foil hat".  
> Try to find me, ha ha ha  
>  
> :-)  
>  
>  
> In a message dated Mon, 16 Oct 2000 1:00:30 PM Eastern Daylight Time,  
> w2agn@pobox.com (John Sielke) writes:  
>  
> <<  
> OK, you caught us. The CIA is tracking those who use QRPP. It is  
> considered unAmerican not to run high power. The big Amplifier  
> manufacturers, the ARRL, QCWA, etc are all in on the plot. QRPPers  
> will be rounded up and "reeducated" by Wayne Green who has been a

> secret agent of the government for years. The Fox hunts are a way of  
> getting those covert QRPers to come out of the woodwork. It's really  
> a "sting" operation.  
>  
>  
> On Mon, 16 Oct 2000 08:30:54 -0600 (CST), Bruce Ratray  
> <rattray@gpfn.sk.ca> typed:  
>  
> >> Why? Are QRP stations supposed to be 'tracked' for some reason?  
> >> de Steve, W8SFF  
>  
> >>  
>  
>  
>

-----  
Date: Mon, 16 Oct 2000 13:19:51 -0500  
From: Sam\_Stimson@Dell.com  
To: qrp-1@Lehigh.EDU  
Subject: [81398] Zombie Shuffle  
Message-ID:  
<5F97C32016F1D1119B1700A0C98422E704F29FF3@ausxmbrh05.aus.amer.dell.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

Great, I have been looking forward to this all year. I had loads of fun last year.

Sam Stimson  
N5WU

-----  
Date: Mon, 16 Oct 2000 14:24:11 -0400  
From: "Thom Durfee" <wi8w@arrl.net>  
To: <qrp-1@lehigh.edu>  
Subject: [81399] Re: Fox: Winter Hunt Schedule and Rules  
Message-ID: <008d01c0379e\$5ae9b500\$a06f0a0a@usxchange.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Here come ye old list manager.....

-----  
Date: Mon, 16 Oct 2000 11:35:48 -0700  
From: Bob Nielsen <nielsen@oz.net>  
To: qrp-1@lehigh.edu  
Subject: [81400] Re: Fox: Winter Hunt Schedule and Rules  
Message-ID: <20001016113547.D7963@oz.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Disposition: inline

On Mon, Oct 16, 2000 at 02:24:11PM -0400, Thom Durfee wrote:  
> Here come ye old list manager.....

After seeing some of the comments, I'm sorry I even asked the question about the change from qrp-1 numbers!

Bob, N7XY

-----  
Date: Mon, 16 Oct 2000 12:02:39 -0700  
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)  
To: <qrp-1@lehigh.edu>  
Subject: [81401] QRPacificon in 5 Days!!!!!!  
Message-ID: <01c037a3\$a84eb020\$330b0d0a@dhendricks>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Guys, QRPacificon is only 5 Days away. Lots of fun scheduled.

Talks by Tony Fishpool and Graham Firth, Mike Gipe, Dave Gauding, Vern Wright, George Heron and Dan Tayloe. Test Equipment, SMT Building, Portable and Stealth Antennas, PSK31 on 80 and 20 meters with NO computer, New NorCal Mini Stinger Kit, Antenna design and development for the QRPer. All of these subjects covered in talks on Saturday.

No Host dinner at Fuddruckers Friday evening at 6:30.  
SMK-1 QSO Party from 8 - 9 PM Friday night.  
QRP Open House 7:30 - 12:00 Friday Night.

QRP Forums 9:00 - 4:30 Saturday  
Red Hot Radio Group Picture and T-Shirt Giveaway (Bring your Red Hot Radio



and get a FREE T-Shirt from Dave Fifield)  
QRP Open House 7:00 - 12:00 Saturday Night

Saturday night will feature the famous NorCal Building Contest, and this year we will feature the SMK-1 "beauty contest". We will judge your entry for quality of construction and packaging. There will be two divisions: NJQRP Club SMK-1 Case Kit and Original Case  
Also, JayBob Bromley and the Ft. Smith QRP group will sponsor the Ft. Smith QRP Group P-TiCK division. Bring your P-TiCK, and we will decide who built the best version of this fabulous \$10 kit.  
Finally, we will have the Manhattan construction division. This will be for any project built using Manhattan Style construction and not entered into a contest previously.

See you guys at Pacificon, QRP Events sponsored by NorCal. 72, Doug

-----  
Date: Mon, 16 Oct 2000 15:07:03 EDT  
From: Shephed@aol.com  
To: <qrp-1@lehigh.edu>  
Subject: [81402] Re: FOX: Winter Hunt Schedule and Rules  
Message-ID: <35.b8662b4.271cabd7@aol.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

Ok, here is the sight, we might be able to do a group buy here.  
<http://www.tinfoilhats.com/>

-----  
Date: Mon, 16 Oct 2000 12:12:23 -0700  
From: David Castor <dpcastor@home.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [81403] Bead Balun for Coax - Help  
Message-ID: <39EB5317.3619EAB6@home.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I'm looking for some help on selecting ferrite beads for a bead balun I want to put together. I'm not sure on the right bead to use that will fit nicely over the 8X coax that I will be using.

Has anyone done this with 8X? It's Wireman #116 and O.D. is listed as 0.24 inches.

Tnx es 73

David Castor, K7EL  
Corvallis, OR  
dpccastor@home.com

-----  
Date: Mon, 16 Oct 2000 15:19:20 US/Eastern  
From: n2cx@voicenet.com  
To: qrp-l@lehigh.edu  
Cc: njqrp@njqrp.org  
Subject: [81404] Re: QRPacificon in 5 Days!!!!!!  
Message-ID: <200010161919.PAA296654@nss4.cc.lehigh.edu>

Guys,

You are really in for a treat!

I had the pleasure of looking over the material that George Heron, N2APB will be presenting at Pacificon. It's fabulous!

His design for a self-contained 2-band PSK31 station is way beyond ingenious. He has very cleverly combined modular hardware and some existing software with an extremely unique and devastatingly brilliant set of custom human interface software to come up with a great rig!

I guarantee that you will be blown away by his package! Even though I do know the details I'm very sorry that I can't make it to CA to enjoy the presentation.

And just think, he's only part of the whole shebang. This year's event is going to be memorable.

72/73,

Joe E.,  
N2CX

-----  
This message was sent using Voicenet WebMail.  
<http://www.voicenet.com/webmail/>

-----  
Date: Mon, 16 Oct 2000 15:45:31 -0400  
From: "Charles Mabbott" <crmabbott@mediaone.net>  
To: "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>  
Subject: [81405] RE: The keyer works--but my back is killing me.  
Message-ID: <000301c037a9\$a4d81840\$59098318@mw.mediaone.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Need more beer!  
Chuck AA8VS

-----Original Message-----  
From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of  
MertNellis@aol.com  
Sent: Monday, October 16, 2000 11:33 AM  
To: Low Power Amateur Radio Discussion  
Subject: RE: The keyer works--but my back is killing me.

My back kills me a lot.  
Standing at a workbench is not good for my back at any heighth.  
<snip>

72,   Mert   W0UFO       MNQRP

-----  
Date: Mon, 16 Oct 2000 14:47:04 -0500  
From: "Mike Branca" <w3irz@att.net>  
To: <qrp-1@Lehigh.EDU>  
Subject: [81406] Re: NoGaWatt SWR/Watt meter kits available again  
Message-ID: <016101c037a9\$e00b1fc0\$74394d0c@default>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

So far 22 kits have been spoken for but the reason for this note is to  
mention that all checks for this NoGa kit should be made out to me, Mike  
Branca.

TNX, Mike W3IRZ

-----  
Date: Mon, 16 Oct 2000 12:50:12 -0700  
From: neil <neil@aaade.com>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [81407] Major update to links page  
Message-ID: <39EB5BF4.7E25C6F7@aaade.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

<http://www.aaade.com/links.htm>

and if interested in used equipment prices  
<http://www.aaade.com/hampedia/prices2.htm>

--  
Neil  
<http://www.aaade.com>  
<mailto:neil@aaade.com>  
Almost All Digital Electronics  
1412 Elm St. SE  
Auburn, WA 98092  
253-351-9316

-----  
Date: Mon, 16 Oct 2000 15:00:47 -0500  
From: "Manager QRP-L" <manager@astro.cc.lehigh.edu>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [81408] FOX - Recent Postings  
Message-ID: <04f601c037ad\$355c86a0\$02000000a@mcg.net>

I don't know what got into some of you hounds this AM, the smell of the impending hunt perhaps. Still I think the subject matter in several recent postings has lost the scent of the intentions of this list. Please, let's keep the posts on topic please.

Keep using that FOX- subject prefix too, it's much appreciated.

73 de Cla KA0GKC Manager QRP-L

-----  
Date: Mon, 16 Oct 2000 15:20:33 -0500  
From: "Chuck Carpenter" <w5usj@globeco.net>  
To: dpcastor@home.com, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [81409] Re: Bead Balun for Coax - Help  
Message-ID: <3.0.2.32.20001016152033.007fca10@mail.globeco.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

David and all,

Palomar Engineers has two new kits in the October 2000 QST page 42 -- New Products

Kit BA-58 is said to work with RG-58/59 and RG-8X. Requires 2 kits for 160 meters.

The kit is 6 inches of ferrite beads and shrink material to hold them in place.

Price is \$7.50 per kit and \$6.00 S&H...

<http://www.palomar-engineers.com>

They also describe a kit for RG-8/213 size cable.

Chuck Carpenter, Point, Rains Co., TX - EM22cv, RARA #3, NETXQRP #1  
ARCI #5422, QRP-L #1306, SOC #57, Six Club #201, SMIRK #6275

-----  
Date: Mon, 16 Oct 2000 16:45:52 -0400  
From: "George Heron N2APB" <n2apb@erols.com>  
To: "NJQRP" <NJQRP@njqrp.org>, "QRP-L" <qrp-l@lehigh.edu>  
Subject: [81410] PSK-80 "Warbler" kit is here!  
Message-ID: <005801c037b2\$18de44a0\$0100000a@gheron>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Well, it's finally ready! ... it's the NJQRP kit called the "PSK-80 Warbler", a simple PSK31 transceiver for 80m. For this kit, we wanted to have everything ready to ship before taking orders so we could fill everyone's order right away. No delays, and there are plenty in stock.

Full color phot of the transceiver board at <http://www.njqrp.org/warbler/>

#### GENERAL INFO:

The PSK-80 Warbler is a little brother to the popular PSK-20 PSK31 transceiver designed by Dave Benson, NN1G in 1999. This time, Dave simplified his design and took advantage of inexpensive crystals for a popular 80m frequency to create the "PSK-80".

Wishing to proliferate an easy and inexpensive way for hams to get on 80m with PSK, NN1G shared the design with the NJQRP Club who is kitting and selling the project world-wide. We named the it "The Warbler" for PSK's characteristic two-tone warble sound, as well as for the club's state bird (the mosquito!).

As it turns out, 80m is a great band for local (200 mile radius) communications, and the PSK-80 Warbler is the perfect, narrow band, low power rig for club round table QSOs and regular fireside skeds with your friends.

#### SPECIFICATIONS:

- Double-sided PCB 3" x 4.5", plated-thru-holes, solder masked & silkscreened for easy assembly
- Fixed 1 KHz band from 3580-3581 KHz
- 4W PEP output
- Interfaces with your computer's soundcard and serial interface
- 20 page Technical Manual for detailed Theory of Operation, Assembly Instructions, Set-up and Usage
- Special bonus section in manual: "PSK-31 & DigiPan Primer"
- All on-board parts supplied in kit (as pictured here)
- Add a computer and an 80m antenna and you'll be on the air with PSK31
- No drift, no VFO tuning, no muss, no fuss!
- Design uses 2 surface mount SA612 mixers ... easy to solder down, and (most of all) available in great quantity ...no parts shortages!

#### PRICE

\$35 + \$3 shipping (\$5 for Canada & DX)

#### TO ORDER

Write a check or M.O. in US funds, made payable to "George Heron, N2APB", and send to:

George Heron, N2APB  
2419 Feather Mae Court  
Forest Hill, MD 21050

#### AVAILABILITY

Now! We have plenty in stock. We purposely waited until the PSK80 was kitted up and ready to go before announcing ... you can get one right away!

#### OTHER INFORMATION

See a "sneak preview" of the PSK-80 Warbler on the Small Wonder Labs website at [http://smallwonderlabs.com/NJ\\_warbler.htm](http://smallwonderlabs.com/NJ_warbler.htm) See some interesting DigiPan screen shots of QSOs in action!

See also a full technical article coming out in the next issue of QRP Homebrewer, due to subscriber's before the end of October!

The PSK-80 and the PSK-20 PSK31 transceiver boards are used in N2APB's "Portable PSK" rig, described at Pacificon and in the current issue of NorCal's QRPP

Many thanks go to Dave Benson, NN1G for his permission and very abled assist of the NJQRP in kitting his PSK-80 design. This guys continues to be one of the tallest giants in ham radio!

72, George N2APB  
n2apb@amsat.org  
for the NJQRP Club at <http://www.njqrp.org>

-----  
Date: Mon, 16 Oct 2000 13:55:17 -0700  
From: Allan G Taylor <k7gt@qsl.net>  
To: qrp-l@Lehigh.EDU  
Subject: [81411] Antenna comparisons  
Message-ID: <39EB6B35.18E1@qsl.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

While operating over lunch break today at the club station I had an opportunity to help a friend do some relative antenna measurements. They were quite astounding and so I thought they ought to be shared.

Band: 10m Path: northern CA to Cayman Islands (K7GT to ZF2NT)  
'Listening' antenna: KLM KT34XA.

Antenna 1	'Forward'	S7.2
	'Reverse'	S3.0

Antenna 2		S3.3
-----------	--	------

Now do you want to guess what the antennas were?

Antenna 1 is a KLM 5 el monobander at 50 ft

Antenna 2 is a Cushcraft R5.

The actual measurements above were taken on an OmniVI+ with the -20 dB attenuator to get the strengths onto the middle of the S-meter. I didn't ask Bruce what power he was running (suspect 100W, though, as I got about the same signal report from him at first --599+ both ways and I was at 100W)

Another quickie test he did was to slightly turn the beam (Antenna 1) to the North by 30 degrees. The monobander's signal dropped about 10 dB! A narrow antenna to be sure.

This most interesting live test just corroborates the article by N6BT in QST this past summer. That was the article using a 100W lightbulb as a minimal antenna. With that article was a relative comparison chart for antennas. Its right on. On higher bands, horizontal beats verticals in almost all situations, by ~1 S unit, perhaps more. And a good beam will add a bunch more to that.

73 and put up horizontal antennas above the 30m band!!

Allan K7GT

--

Allan Taylor K7GT Pleasanton/Livermore CA

k7gt@qsl.net or k7gt@aol.com

-----  
Date: Mon, 16 Oct 2000 14:21:24 -0700  
From: Bill Jones <kd7s@psnw.com>  
To: n2apb@erols.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [81412] Re: PSK-80 "Warbler" kit is here!  
Message-ID: <39EB7154.97A0A884@psnw.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

George,

Do I assume correctly that you will bring 200-300 kits to Pacificon for



sale? I know I want at least two of them.

George Heron N2APB wrote:

>

> Well, it's finally ready! ... it's the NJQRP kit called the "PSK-80

--

-----  
Bill Jones - KD7S <><  
Sanger, California  
<http://www.psnw.com/~kd7s/>  
-----

-----  
Date: Mon, 16 Oct 2000 14:50:06 -0700  
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)  
To: <n2apb@erols.com>, <qrp-1@lehigh.edu>  
Subject: [81413] Warbler: KI6DS wants 2!!  
Message-ID: <01c037bb\$0c13a540\$330b0d0a@dhendricks>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

George, I would like two of the Warble Kits. Please bring them to Pacificon!! Will you be bringing a bunch with you?? We are anxious to hear! I agree that Dave Benson is among the Giants in QRP. His generosity knows no bounds. A great guy. He is the reason that clubs like NorCal and NJQRP can exist. What a wonderful supporter. See you Thursday night at the hotel. 72, Doug

-----  
Date: Mon, 16 Oct 2000 21:55:37 +0100  
From: "Walter D Amos" <waltk8cv@surfree.com>  
To: "Posts Qrp-1" <qrp-1@lehigh.edu>  
Subject: [81414] FOX: Winter Hunt Schedule and Rules  
Message-ID: <001b01c037b3\$7104fd80\$d5891b26@waltamos>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Will the fox now have to wear a tether 24 hours before and after the contest as he is frequenting with known scumbags and may sneak off to a contest

station and operate a FT-1000MP and phased verticals with 120 radial and we all know that's not really QRP !! How can we stop this, what can we do, who shall we call? Will the fox hear me if I complain, will it get " not in log " for me? Oh, I should have kept my mouth shut, mother always told me too! Will someone be coming over here to see that I " break a leg " ??

Wally the wimpy hound!

----- Original Message -----

From: "Steve Sorrell" <ap036@detroit.freenet.org>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Monday, October 16, 2000 5:50 PM  
Subject: Re: FOX: Winter Hunt Schedule and Rules

> I see you finally got it, John!!!  
> Now, with the tracking devices and the "Fox Profile" these scumbags can be  
> corralled and sent to live in the Pacific Northwest with all the other  
> radicals! Banish them, I say!  
> de Steve, W8SFF

>

> ----- Original Message -----

> From: "John Sielke" <w2agn@pobox.com>  
> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
> Sent: Monday, October 16, 2000 17:58  
> Subject: Re: FOX: Winter Hunt Schedule and Rules

>

>

> >

> > OK, you caught us. The CIA is tracking those who use QRPp. It is  
> > considered unAmerican not to run high power. The big Amplifier  
> > manufacturers, the ARRL, QCWA, etc are all in on the plot. QRPpers  
> > will be rounded up and "reeducated" by Wayne Green who has been a  
> > secret agent of the government for years. The Fox hunts are a way of  
> > getting those covert QRPpers to come out of the woodwork. It's really  
> > a "sting" operation.

> >

> >

> > On Mon, 16 Oct 2000 08:30:54 -0600 (CST), Bruce Ratray  
> > <rattray@gpfn.sk.ca> typed:

> >

> > >> Why? Are QRPp stations supposed to be 'tracked' for some reason?

> > >> de Steve, W8SFF

> >

> >

>

>

-----  
Date: Mon, 16 Oct 2000 16:29:25 -0600  
From: "Zoerb, Ron" <Zoerb.Ron@broadband.att.com>  
To: "'QRP-l Messages'" <qrp-l@lehigh.EDU>  
Subject: [81415] RE: Antenna Comparisons  
Message-ID: <5899595F9867D311BC0A00805F57884DC2AEB2@copland.tci.com>  
MIME-Version: 1.0  
Content-Type: text/plain

To the "list",

I had to comment on Alan's posting about horizontal Vs vertical antennas on the higher HF frequencies. Follows is a portion of his posting which I hope accurately summarizes his intended meaning.

Quoting Allan's (K7GT) earlier posting:

On higher bands,  
horizontal beats verticals in almost all situations, by ~1 S unit,  
perhaps more. And a good beam will add a bunch more to that.

73 and put up horizontal antennas above the 30m band!!

Allan K7GT

My comments and observations based mostly on 10 meter usage and nothing scientific at all, just the facts.

My vertical is a Antron A-99, complete with "ground plane kit" mounted on a 14 ft. mast at the back of the garage. The top is at 32 ft. because that is the antenna restriction I live with 24 X 7 X 365. Over the past 5 1/2 years I have tried various wire antennas usually at 30 to 32 ft. maximum height, including; G5RV, 80 meter dipole feed with 450 ohm ladder line, 80 meter Carolina Windom(s) facing E-W and one facing N-S, Carolina Windom Beam, 40 meter Delta loop, 40 meter 1/4 wave HB vertical and 20 meter vertical with 3 raised radials. There may be more I can't recall at the moment.

My experience has been that 95+ percent of the time the A-99 vertical will out perform any of the other 3 or 4 antennas I will have available at the moment to conduct A-B-C-D switch comparisons with. Again, I do not have facts and figures but it has been so consistent over the years I am very sensitive to it and pay close attention to it.

The A-99 will hold it's own on 12 meters and on 15 meters it is sometimes

better but not a clear cut winner.

I know there are many factors that have an influence on antenna performance and I would expect the vertical to be better for long range contacts and horizontal for closer range, but that has not always been the case.

Last year for the ARRL 10 Meter Contest I ignored the Antron - 99 until the last hour or so and I will never do that again. Yes, I know a good beam antenna would be even better but that means a different QTH and that will come some day.

Just another point of view based on my experience

73 and don't forget some antennas stand up to be counted.

Ron ki0ii

-----  
Date: Mon, 16 Oct 2000 15:30:42 -0700  
From: Allan G Taylor <k7gt@qsl.net>  
To: qrp-l@Lehigh.EDU  
Subject: [81416] Re: Antenna comparisons  
Message-ID: <39EB8192.5B5F@qsl.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I have had a direct response to my post asking relevance.

The message was implicit: If you want to play QRP games on the higher bands, get up a horizontal antenna as high as you can. And multielement horizontal antennas are even better. Check out the contest winners in QRP categories. Do they use verticals? For that matter, did the consistently successful FOXHUNTERS on 20m this summer use verticals? Nope. After one FOXHUNT try on 20m with the trap vertical at home, I decided there were better ways to spend my time.

A vertical antenna on the higher bands is much better than a light bulb (see N6BT QST article) but unless constrained by real estate and neighbor considerations, by all means go HORIZONTAL. After all, theory predicts that a serious yagi on high HF is better than a trap vertical by about as much as the trap vertical is better than a lightbulb.

73 and out for now..

K7GT

--

Allan Taylor K7GT Pleasanton/Livermore CA

k7gt@qsl.net or k7gt@arrl.net

-----  
Date: Mon, 16 Oct 2000 18:36:22 EDT  
From: DYARNES@aol.com  
To: k7gt@qsl.net, qrp-1@lehigh.edu  
Subject: [81417] Re: Antenna comparisons  
Message-ID: <a3.c91e8ab.271cdce6@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

In a message dated 10/16/00 2:00:21 PM US Mountain Standard Time,  
k7gt@qsl.net writes:

<< On higher bands,  
horizontal beats verticals in almost all situations, by ~1 S unit,  
perhaps more. And a good beam will add a bunch more to that.

73 and put up horizontal antennas above the 30m band!! >>

Well, I have to disagree with your conclusions, or at least the way you state your conclusions. It's not so much "Horizontal" beating "vertical" as it is "gain" antenna beating "non-gain" antenna! The other significant factor I see in your facts is that you have the gain antenna at 50 ft. (almost 2 wavelengths high on 10 meters) which probably gives you a single digit take-off angle. The vertical at or near the ground doesn't have that advantage. Put that beam down at the same height as the vertical, and you might be shooting straight up with it! The vertical, however, would have a decent (but not terrific) take-off angle. It might even work better than the beam if you can't put the beam "up in the air".

It is my understanding that polarization at HF frequencies isn't that big a deal after the first bounce because the polarization tends to be the same after that. But a good beam UP IN THE AIR a decent height will probably do better. That's substantially due to the reflectors/directors which give it gain.

I think a dipole has slightly more gain over an isotropic radiator than a 1/4 wave vertical does. But I don't know how high up you have to put it before

the take-off angle of the dipole is sufficiently good to outdo the vertical at, say, roof level. If the dipole is only about 1/4 wavelength high, for example, I'm not so sure it will out-perform a vertical; at least not when working DX. Such a dipole might be better talking from L.A. to San Francisco though.

So, horizontal isn't necessarily better than vertical! There's a lot more to it than that. But, I agree that gain antennas (beams, quads, etc.) CAN be better if you get them up in the air adequately. Now, of course, there's always phased verticals.....hmmmmmmmm!

72 de Dave W7AQK

-----

Date: Mon, 16 Oct 2000 18:05:28 -0400  
From: Bob Kellogg <ae4ic@nr.infi.net>  
To: dpcastor@home.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [81418] Re: Bead Balun for Coax - Help  
Message-ID: <39EB7BA8.F29481D0@nr.infi.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

David,

The Wireman can supply you with the proper beads for that cable. I use the same type, and the beads are the same ones used on RG-58 and mini-8, I believe. I also use one of the Palomar bead kits on similar coax.

Hope this helps.

David Castor wrote:

>  
> I'm looking for some help on selecting ferrite beads for a bead balun I  
> want to put together. I'm not sure on the right bead to use that will  
> fit nicely over the 8X coax that I will be using.  
>  
> Has anyone done this with 8X? It's Wireman #116 and O.D. is listed as  
> 0.24 inches.  
>  
> Tnx es 73  
>  
> David Castor, K7EL  
> Corvallis, OR  
> dpcastor@home.com

--

73,

Bob Kellogg, AE4IC, Greensboro, NC  
Prolobly, not nececelery. - Benny Hill

-----  
Date: Mon, 16 Oct 2000 18:38:07 -0400  
From: Bob Kellogg <ae4ic@nr.infi.net>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [81419] Hamcalc Ham formulas  
Message-ID: <39EB834F.CCFF6509@nr.infi.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Guys,

If you like to build, you can't afford to be without a copy of Hamcalc.

The recent posts by George Murphy, VE3ERP, reminded me that it's been a while since his service has been mentioned on QRP-L.

George has collected dozens (maybe hundreds) of the electronic formulas used in the pursuit of our hobby. The formulas are written in Basic, so that all that is required to use them is to enter the proper data, and the answer appears. Everything from Ohm's Law, calculating resonant frequencies to designing coils to designing antennas, etc., etc., is there. There is an index, so selecting the formula you need is simple.

He's put all of these formulas on a CD, and will be glad to send you one! He asks for a small donation in return. Everything above his raw expenses is donated to a worthwhile charity. (I'm sorry, I can't remember the charity, but I remember thinking it was very good for George to support it)

George does this out of his love for Ham Radio, and it's a great service.

I needed a fresh copy (he updates it all of the time) and asked him how to get a copy. His reply follows:

Bob,

Ordering Hamcalc on QRP-L is easy. Just e-mail a request and include your postal address. I will airmail a CD-ROM to you with a hint that I would appreciate US\$7.00 in return when convenient.

For people who run more than 5 watts, I DEMAND payment in advance!

I count a lot on the integrity of my customers to pay up, but at the suggestion of the pastor of my church (who understands human nature), the following conditions apply to those who do not pay up upon receipt of Hamcalc:

Either:

1. I will inject a virus into your computer that completely crashes and ruins your computer and sets fire to your shack. I have not yet perfected this because in working on the software I am going broke buying new computers and can no longer get fire insurance on my QTH.

Or:

Using data easily available on the Internet through my CIA connections, I will forward intimate details of your financial activities in the past 5 years to the IRS. Of course, YOU personally are OK - I checked you out and your record is clean, except for the time back in (QRN) when you were in (QRN) and (QRN).

I love Ham Radio. Everyone is so trusting and friendly - hi!

-73- Murph VE3ERP  
email: VE3ERP@ENCODE.COM

--

73,  
Bob Kellogg, AE4IC, Greensboro, NC  
Prolobly, not nececelery. - Benny Hill

-----

Date: Mon, 16 Oct 2000 15:42:08 +0100  
From: Chuck Adams <k7qo@primenet.com>  
To: ki6ds@dpol.k12.ca.us, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [81420] Re: Warbler: KI6DS wants 2!!  
Message-ID: <4.3.2.7.0.20001016151752.00b63aa0@pop.primenet.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed



HA!!! I knew it. The secret is out.

Of all the many kits that I have built, only two did not work. The first that did not work was a beta-kit and it never worked right. The DC receiver went into oscillation when I keyed the transmitter. Had two retrofit kits sent to me to work on it, but they never fixed the problem. Kit went to the landfill minus the ICs.

The second one was built by someone else and it was a hopeless basket case. It too went to the landfill.

All other kits worked the first time. Also --- everything that I have built Manhattan Style has worked the first time. And I have figured out why. See the next article in the NJQRP Newsletter. My entry this year did not require a single adjustment of the VFO. It was right on frequency when it powered up.

Why the post? I see several have asked George to bring two kits for them to Pacificon. I'll just ask for one. I can get it right the first time. These others must be using the first to practice and the second to get it right!!! :-) ;-)

Joking guys. Joking for the humor impaired.

My Manhattan entry is ready and has been on the air each evening for some time and will get packed early Thursday a.m. Also some other goodies that some may be interested in when they see me at Pacificon. Of course, these gatherings bring out a lot of neat stuff that you can't appreciate via email/web pages/news/... May of us will have digital cameras to record and steal^h^h^h^h/borrow ideas.

I know that I'll be sleeping on the plane and on the ride up to Concord CA. I know that I won't be sleeping much after Friday a.m. and until I get back to the airport on Sunday. I won't be driving this year. Learned my lesson. I may have lived in TX, but I'm not stupid. :-)

I'll be the one wearing the MFJ uniform (tm). You have to ask Doug about that little bit of trivia..... Doug? Are you wearing your uniform this year?

I know that the 2,900 others that won't be there will be missed. Everyone be listening on the QRP calling frequencies and nearby during the goings on. A lot of portable antennas will be in use and it'll be good practice for the foxhunt.

I personally feel that the \$500+ for the airfare and hotel is money well spent each year. It could go into the QRP economy directly, but we all get to see each other face to face so rarely. We've got other funds set aside for the flea market --- you can't have too many fleas. :-)

See ya if you're going to be there....

Chuck Adams, K7Q0 Prescott, AZ

-----  
End of QRP-L Digest 1976

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